



Zero Emission Electric Power Available

Collision avoidance system (CAS)

No Touch Protection: 3D Infrared sensor based system to ensure full IATA 913 Collision Avoidance Compliance

Reach new heights with the self-propelled lift.

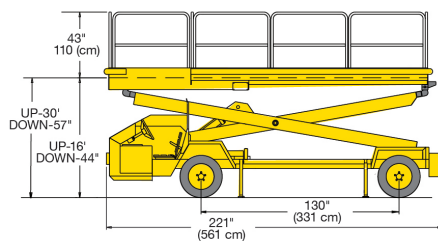
Get to and from any aircraft quickly with the maneuverable self-propelled TML-704 maintenance lift. With a 2,000 pound (907 kilogram) lift capacity for distributed loads and two elevation options, 16 feet (4.8 meters) and 30 feet (9.1 meters) for access to most aircraft.

The generous platform area is ideal for multiple technicians and power tools and allows access to a broad working area of wings, tail sections and fuselage without the need to reposition the unit.

Safety is always front of mind. ANSI style handrails. Slip resistant surface. Fall protection points. Hydraulic stabilizers deploy on lift and retract on travel. All standard.

The TML-704 maintenance lift is available in electric, diesel, gasoline or LP power options.

Customized configurations for every application are available.



Photos and illustrations may show optional equipment.

Features:

- ✓ Zero emission electric power
- ✓ Low emission Stage V and Tier 4 Final diesel power
- ✓ EPA approved gasoline or LP fuel
- ✓ Factory new automatic transmission
- ✓ Lightweight, fuel efficient, impact deflecting steel frame
- ✓ LED lighting
- ✓ Platform reaches 16 feet (4.8 meters) or 30 feet (9.1 meters)
- ✓ Servicing height range up to 22 feet (6.7 meters) or 36 feet (10.9 meters)
- ✓ Safety
 - Back up alarm
 - Horn
 - Anti-restart ignition switch
 - Engine safety shutdown (engine dependent; low oil pressure, high temperature)
 - Platform down alarm
 - Hydraulic stabilizers, four point
 - Platform rated for 2,000 pounds (907 kilograms) distributed; 500 pounds (227 kilograms) concentrated
 - Morton tread platform surface

TML-704 Mobile Maintenance Lift

	IMPERIAL	METRIC		IMPERIAL	METRIC
Dimensions			Platform		
Length	216 in	550 cm	Height (adjusted)	51 in – 16 ft	129 – 488 cm
Width	88 in	223 cm		64 in – 30 ft	162 – 915 cm
Height, lowered (16 ft version)	51 in	1.29 m	Size	17' 6" x 6' 10"	533 x 208 cm
Height, lowered (30 ft version)	64 in	1.62 m	Capacity (distributed load)	2,000 lbs	909 kg
Wheel base	130 in	330 cm	Capacity (concentrated load)	500 lbs	227 kg
Gross vehicle weight (16 ft version – non-electric)	+/- 7,420 lbs	+/- 3,366 kg	Speed		
Gross vehicle weight (30 ft version – non-electric)	+/- 10,500 lbs	+/- 4,536 kg	Maximum speed	20 mph	32 kph
Turn radius	22 ft	670 cm			

Drive System

Engine options

Electric

80V AC with Curtis controller
Lead- Acid or Lithium Battery
Onboard charger available

Diesel

Deutz D2.9L (available in Stage V and Tier 4 Final)
Cummins B3.3 (Tier 3, export only)
Deutz 2011 (Tier 3, export only)

Gasoline

Kubota WG2503
Ford MSG425

LP

Kubota WG2503
Ford MSG425

Cooling system

Full size liquid cooled radiator, isolated from vibration

Transmission

Factory new GM 4L70E automatic transmission with separate transmission fluid cooler, with shift abuse protection

Axles

Front: Brierton (standard), Comer (optional)
Rear: Dana

Tires

Front: ST225/75 D15
Rear: ST225/75 D15

Systems

Chassis

Lightweight, durable tubular impact deflecting frame
Four point, sequenced hydraulic stabilizer cylinders with individual hard plumbed check valves

Systems (cont.)

Platform operation

Platform can be raised/lowered from the platform or operators' station
Battery powered auxiliary back up pump (in the event of engine difficulty)

Steering

Power assisted

Braking

Four wheel, split cylinder

Front: Disc

Rear: Drum

Instrumentation

J1939 CAN gauge (Stage V, Tier 4 Final, gasoline and LP)
LED warning indicators
Alternator
Engine oil pressure
Coolant temperature
Brakes
Engine hour meter

Hydraulics

Lift cylinders: Single stage
Check valve to prevent accidental descent
Pump: Engine driven; battery powered auxiliary back up
Filter on return line: 10 microns
Strainer on suction line: 80 mesh

Lighting (LED)

Headlights
Taillights
Brake
Reverse
Work light

Electrical

12V
Maintenance free battery
60 amp minimum alternator (engine dependent)

Configurations

Standard

Retractable seat belt
Engine cover
22 gallon (83 liter) fuel tank
Engine safety shutdown (low oil pressure, high temperature)
Back up alarm
Platform down alarm
Anti-restart ignition switch
Zinc rich primer and white or safety yellow polyurethane top coat

Optional

No Touch IATA 913 Compliant Collision Avoidance System
Lithium battery (consult factory for details)
Battery Management System for fast chargers
On board SAE J1772 compliant charger
Enclosed operators cab
Seat options
Keyed ignition
LED amber beacon light
LED turn signals
Push button start
Rear view mirror
Master disconnect switch
Tow hooks
Fire extinguisher(s)
Spare tire assemblies
Preventive maintenance service kits
Heavy duty winterization package to -40F
No Touch IATA 913 compliant Collision Avoidance System
Custom paint color
Consult factory for additional specialized configurations

Note: Dimensions may change slightly with individual engine packages. Specifications subject to change without notice.